

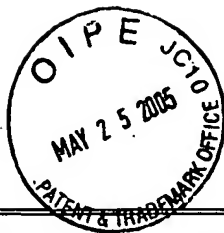
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE				Attorney Docket No. 60680-705		Serial No. 10/612,434	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)				Applicants: Wu <i>et al</i>			
				Filing Date July 2, 2003		Group Art Unit: 3743	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date (MM/DD/YY)	Name	Class	Subclass	Filing Date if Appropriate (MM/DD/YY)	
QF	1,318,875	10/14/1919	Hutchinson				
	1,996,622	04/02/1935	Lambert				
	2,547,668	04/03/1951	Simpelaar				
	3,147,800	09/08/1964	Tadewald				
	3,800,868	04/02/1974	Berkowitz				
	5,232,066	08/03/1993	Schnelker				
	5,327,957	07/12/1994	Killebrew				
QF	6,109,217	08/29/2000	Hedlund <i>et al</i>				

FOREIGN PATENT DOCUMENTS

						Translation	
Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Flanigan	DATE CONSIDERED	11/2/05
<p>* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			



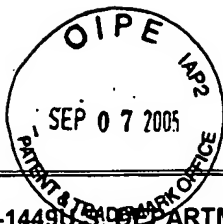
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE				Attorney Docket No. 60680-705		Serial No. 10/612,434	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)				Applicants: Wu <i>et al</i>			
				Filing Date July 2, 2003		Group Art Unit: 3743	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date (MM/DD/YY)	Name	Class	Subclass	Filing Date if Appropriate (MM/DD/YY)	
AF	6,843,512	01/18/05	Fritze <i>et al</i>				

FOREIGN PATENT DOCUMENTS

						Translation	
Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Flanigan	DATE CONSIDERED	11/8/05
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Form PTO-1449b, SEP DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE				Attorney Docket No. 60680-705		Serial No. 10/612,434	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)				Applicants: Wu <i>et al</i>			
				Filing Date July 2, 2003		Group Art Unit: 3743	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date (MM/DD/YY)	Name	Class	Subclass	Filing Date if Appropriate (MM/DD/YY)	
QES	2,039,593	5/5/1936	Hubbuch <i>et al</i>				
	2,582,358	1/15/1952	Schoellerman				
	2,796,239	6/18/1957	Holmes <i>et al</i>				
	2,814,470	11/26/1957	Peterson				
	2,981,520	4/25/1961	Chadburn				
	2,985,434	5/23/1961	Bering <i>et al</i>				
	3,024,003	3/16/1962	Specia <i>et al</i>				
	3,141,500	7/21/1964	Raskin				
	3,818,984	6/25/1974	Nakamura <i>et al</i>				
	4,134,195	1/16/1979	Jacobsen <i>et al</i>				
	4,361,184	11/30/1982	Bengtsson				
	4,478,277	10/23/1984	Friedman <i>et al</i>				
	4,574,876	3/11/1986	Aid				
	4,615,129	10/7/1986	Jackson				
	4,646,815	3/3/1987	Iwata				
	5,009,557	4/23/1991	Dessirier				
	5,028,989	7/2/1991	Naganuma <i>et al</i>				
✓	5,099,311	3/24/1992	Bonde <i>et al</i>				
	5,129,473	7/14/1992	Boyer				
af	5,152,255	10/6/1992	Fukuda				

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AF	5,159,529	10/27/1992	Lovgren <i>et al</i>			
	5,174,258	12/29/1992	Tanaka			
	5,205,348	4/27/1993	Tousignant <i>et al</i>			
	5,228,511	7/20/1993	Boquel <i>et al</i>			
	5,251,718	10/12/1993	Inagawa			
	5,273,386	12/28/1993	Luhm			
	5,285,347	2/8/1994	Fox <i>et al</i>			
	5,316,077	5/31/1994	Reichard			
	5,381,510	1/10/1995	Ford <i>et al</i>			
	5,423,376	6/13/1995	Julien <i>et al</i>			
	5,490,559	2/13/1996	Dinulescu			
	5,495,889	3/5/1996	Dubelloy			
	5,517,757	5/21/1996	Hayashi <i>et al</i>			
	5,586,614	12/24/1996	Kouchi <i>et al</i>			
	5,787,613	8/4/1998	Derome			
	5,829,517	11/3/1998	Schmid <i>et al</i>			
	5,884,588	3/23/1999	Ap			
	5,901,037	5/4/1999	Hamilton <i>et al</i>			
	5,918,664	7/6/1999	Torigoe			
	5,934,364	8/10/1999	Chrysler <i>et al</i>			
	5,979,542	11/9/1999	Inoue			
	5,957,230	9/28/1999	Harano <i>et al</i>			
	5,984,000	11/16/1999	Nakamura <i>et al</i>			
	5,992,552	11/30/1999	Eto			
AF	6,098,706	8/8/2000	Urch			

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Q5	6,227,290	5/8/2001	Nishishita <i>et al</i>			
↓	6,241,011	6/5/2001	Nakamura <i>et al</i>			
↓	6,293,338	9/25/2001	Chapman <i>et al</i>			
↓	6,305,463	10/23/2001	Salmonson			
↓	6,340,053	1/22/2002	Wu <i>et al</i>			
Q5	6,438,840	8/27/2002	Tavi <i>et al</i>			
Q5	6,536,516	3/25/2003	Davies	Dep't of 872 cte		

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						Translation	
Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Yes	No
QF	220,299	3/31/1942	CH				
	OS 2 201 559	7/19/1973	DE				
	33 28 229	10/10/1985	DE				
	202 07 168	09/19/2002	DE				
	297 15 828 U1	12/04/1997	DE				
	297 22 841 U	02/12/1998	DE				
	298 03 166 U	5/20/1998	DE				
	0,805,328	11/5/1997	EP				
	0,807,756	11/19/1997	EP				
	0,826,874	3/4/1998	EP				
	0,890,810	1/13/1999	EP			X	
	0,907,061	4/7/1999	EP				
	1,189,606	10/5/1959	FR				
	1,534,246	7/26/1968	FR				
	2,748,800	11/21/1997	FR				
	2,769,082	4/2/1999	FR				
	2,772,838	6/25/1999	FR				
	2,774,462	8/6/1999	FR			X	
	2,774,463	8/6/1999	FR			X	
	2,774,635	8/13/1999	FR			X	
QF	2,778,973	11/26/1999	FR				
	2,785,377	5/5/2000	FR			X	
	61-66061	4/4/1986	JP				
QF	7-280,484	10/27/1995	JP				
						Translation	

Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Yes	No
QF	766,331	1/23/1957	UK				
↓	2,277,781	11/09/1994	UK				
↓	WO 94/23449	10/13/1994	WO				
↓	WO 01/25711	04/12/2001	WO				
↓	WO 03/059,598	7/24/2003	WO				
QF	62 009182	01/17/1987	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QF	U.S. publication No 2004/0238162 (Seiler <i>et al</i>) published December 2, 2004 and entitled HEAT EXCHANGER WITH FLOW CIRCUITING END CAPS		
QF	U.S. publication No. 2005/0115700(Martin <i>et al</i>) published June 2, 2005 and entitled BRAZED SHEETS WITH ALIGNED OPENINGS AND HEAT EXCHANGER FORMED THEREFROM		
QF	U.S. publication No. 2005/0115701 (Martin <i>et al</i>) published June 2, 2005 and entitled LOW PROFILE HEAT EXCHANGER WITH NOTCHED TURBULIZER		
QF	U.S. publication No. 2003/0164233 (Wu <i>et al</i>) published September 4, 2003 and entitled LOW PROFILE FINNED HEAT EXCHANGER		
QF	U.S. publication No. 2003/0173068 (Davies <i>et al</i>) published September 18, 2003 and entitled FINNED PLATE HEAT EXCHANGER		
QF	Fuel Cooling Needs for Advanced Diesel Engines by Michael Davies, John Burgers and Nick Kalman in SAE Technical Paper Series, May 19-22, 1997		
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